

Product datasheet for **VC101869**

L1 (NC_014953) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1 (NC_014953) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC101869 represents NCBI reference of YP_004169276 with codon optimized for human cell expression
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACCTGGAGCGCCAACAGTGAAGATTGTATCTTCCCCTGCTAAGCCTGTGCCACTGTACTGA
 GCACCGACGACTACATCAAGCCTACGAATCTGTATTTCCATGCTTATACAGAGCGGCTGCTTACCGTGGG
 ACACCCATATTTTCGACGTAATTAACCCCACTGACAATAAAACCATTGACGTACCGAAGGTTAGCGGGAAT
 CAGTTCGGGCTCCTCAGGCTGCAGCTTCCCGATCCTAACAAATTCGCTCTGGTAGACTCCAGTGTGTACG
 ACCCCAGCGGGAGCGCCTGGTCTGAAACTTGTAGGCGTCCAGATAGATCGGGGCGGCCACTTGGTAT
 CGGCACCACCGGCCACCCCTGCTGGATCGGCTGCAAGATACCGAAAACCCCTCCGCTTACCAGGTGCCT
 CTGGGCACAGACAATAGAGAGAAGCTCTCCTTTGATCCCAAGCAGAATCAACTGTTTATTATCGGCTGCG
 TTCTGCAACCGGACAGCACTGGGACATCGCTGACCCCTTGCAAAGACACAAGGCCAGCCGTTGGGTCTTG
 CCCCCAATTAACCTGGTGCATAGCACAATCCAGGACGGAGATATGAGCGACATTGGACTGGGCGCCGTT
 AACTTTAATACTTTTTCAGCTACGAGGAGCGACGCTCCACTCGAGGTGATCAACTCCATATGTAAGTGGC
 CCGACTTTGTTCAAATGACTAAAGATACATACGGAGACAAGGCGTTTTTCTTTGGCAAGAGAGAGCAGCT
 CTATGCCAGACATATGTTACCCATGATGGGAATGAAGGCGATTCCCTGCCACCGACCCTACACACGCA
 TATTACATCCAGCCTGCAGACGGTACCCCGCTCAACTCAATAGGTAATTTAGTTATTATCCAGTGC
 CCAGTGGTTCCCTTGTACCAGCGAGGCCAGTATTTTAAACCGCCCTATTGGCTGTTCAAGGCCAGGG
 TAAGAATAATGGTATCTGTTGGGGAACAACCTTTTATCACCCCTGCTGGATAACACACACAACACTAAT
 TTCACTTTTCTGTATACACTGAGCAGCCCCCTATGAATGCTAATTATCAGTATAATAAGTCTAATTTA
 GGAAGTATCTGCGGCATGTGGAAGAGCTCGAGGTGGAGATCGTAATGCACCTCTGCAAAGTTCACCTCGA
 GGCTGATGTCCTGGCGCACATTAATGCAATGGATCCTCGCATTCTGGATGAATGGGAACTGGCATTGTC
 CCCCCTCCTCCTCAGGGCTTGGAGGACACTTATAGATACATAAAGAGCCTCGCCACAATGTGCCGGCCG
 ATGTACCACCAAGGCTCCTGAGGACAGATACAAAGACTTGGTTTTCTGGGAGGTGGACCTCCGGGACAA
 ATTCACGTCGCAACTGGACCAGACCCATTGGGAAGGAAGTTCCTCTACCAGATGGGTATGATTAATACA
 AGGAAGAGAAGACGAAGCACGGATTTAGCGGCACAACGACGCTGAAGCGAACCGTCAAAAAGCGCAAGA
 CAAAATCCAAA

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101869 representing YP_004169276
 Red=Cloning sites Green=Tags

MATWSANSGRLYLPPAKPVATVLSDDYIKPTNLYFHAYTERLLTVGHPYFDVINPTDNKTIDVPKVS
 QFRVLRQLPDPNKFALVDSSVYDPQRRERLVWKLVGQIDRGGPLGIGTTGHPLLDRLQDTENPSAYQVP
 LGTDNRENVSFDPKQQLFIIGCVPATGQHWDIADPCKDTRPAVGCSPPIKLVHSTIQDGDMSDIGLGA
 NFNTFSATRSDAPLEVINISICKWPDFVQMTKDTYGDKAFFFGKREQLYARHMFTHDNEGDSLPTDPTH
 YYIQPADGTPPHNSIGKFSYYPVPSGSLVTSEASIFNRPYWL FKAQGNNGICWGNLFIITLLDNHTN
 FTL SVYTEQPPMNANYQYNKSNFRKYL RHVEEVEIVMHLCKVPLEADVLAHINAMDPRIILDEWELAFV
 PPPPQGLEDTYRIKSLATMCPADVPPKAPEDRYKDLVFWEVDLRDKFTSELDQTPLGRKFLYQMGMI
 NTRRRRSTDFSGTTTLKRTVKKRKTKSK

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NC_014953

ORF Size: 1551 bp

OTI Disclaimer: The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NC_014953.1, YP_004169276](#)

RefSeq ORF: 1551 bp

Locus ID: 10146732

MW: 58.6 kDa